

# UREA BLENDING

## General Information

### GENERAL INFORMATION

FACTOR is a urease inhibitor for use with urea and UAN solution fertilizers. When applied with urea or UAN solutions, FACTOR inhibits the enzymatic activity of urease. By inhibiting the urease enzyme activity, ammonia losses from volatility are minimized.

FACTOR should be used with any nitrogen product that is urea-based and may be applied in all commercially grown crops and improved grass pastures.

FACTOR may be used when applying urea or UAN solutions for all forms of surface applications, including: Pre-Plant, Pre-Emergence, Side-Dress, Top-Dress or other Post-Plant applications.

### NOTES

(Rates are based on 24.5% by weight active ingredient solution.)

FACTOR has good compatibility with UAN and pesticides. Not all possible combinations have been tested. A compatibility test is advised if the user has no experience with particular combinations of FACTOR, UAN and pesticide mixes. Glyphosate herbicides may cause an increase in the rate of degradation when tank mixed with FACTOR urease inhibitor. This solution should be applied soon after mixing to avoid a possible reduction in the effectiveness of the active ingredient. There are no reentry restrictions unless FACTOR is used with pesticides or fertilizer materials that have such restrictions.

Observe all precautions on label and read material safety data sheet before use. Do not apply directly to water. Do not contaminate waterways and sewers during cleaning of equipment or disposal of wastes. Always follow applicable federal, state, and local laws and regulations.

## Limitations, Restrictions, and Exceptions

### Urea Blending

Use a fertilizer blender with impregnation equipment to uniformly coat the urea particles. Blend FACTOR with urea, before making a complete blend with other components. If blend appears wet, a drying agent may be added to the urea. MP 79 is an example of a drying agent. Add drying agent at 2 pounds per quart of FACTOR

and adjust up or down as desired pending outcome.  
Use Rate: 3.25 quarts (104 fl.ozs.) FACTOR/ton of urea.

Method

[Surface](#)

[Side dress](#)

[Top-dress](#)

[Surface](#)

[Side dress](#)

[Top-dress](#)

[Surface](#)

[Side dress](#)

[Top-dress](#)

Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

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Timings

[Preemergence \(Crop\)](#)

[Preplant](#)

[Postplant](#)